

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) An aqueous formulation comprising:
an immune response modifier;
water; and
a hydrophilic viscosity enhancing agent;
with the proviso that the hydrophilic viscosity enhancing agent is not covalently bonded to the immune response modifier;
wherein the formulation is a solution at room temperature and has a viscosity of less than 100 cps at room temperature.
2. (Original) The aqueous formulation of claim 1 wherein the immune response modifier is a positively charged immune response modifier.
3. (Currently amended) The aqueous formulation of ~~claims 1 or 2~~ claim 1 wherein the hydrophilic viscosity enhancing agent is negatively charged.
4. (Currently amended) The aqueous formulation of any one of ~~claims 1 through 3~~ claim 1 wherein the hydrophilic viscosity enhancing agent is uncrosslinked.
5. (Currently amended) The aqueous formulation of any one of ~~claims 1 through 4~~ claim 1 wherein the hydrophilic viscosity enhancing agent is selected from the group consisting of cellulose ethers, polysaccharide gums, acrylic acid polymers, and combinations thereof.
6. (Original) The aqueous formulation of claim 5 wherein the hydrophilic viscosity enhancing agent comprises carboxylic acid groups and/or carboxylate groups.

7. (Original) The aqueous formulation of claim 6 wherein the hydrophilic viscosity enhancing agent is selected from the group consisting of a acrylic acid polymer, carboxymethyl cellulose sodium, xanthan gum, and combinations thereof.

8.-10. (Cancelled) The aqueous formulation of any one of claims 1 through 7 wherein the hydrophilic viscosity enhancing agent is present in an amount of at least 0.01 wt-%, based on the total weight of the formulation.

11. (Currently amended) The aqueous formulation of ~~any one of claims 1 through 10~~ claim 1 wherein the immune response modifier is a compound having a 2-aminopyridine fused to a five membered nitrogen-containing heterocyclic ring.

12. (Original) The aqueous formulation of claim 11 wherein the immune response modifier is selected from the group consisting of imidazoquinoline amines, tetrahydroimidazoquinoline amines, imidazopyridine amines, 6,7-fused cycloalkylimidazopyridine amines, 1,2-bridged imidazoquinoline amines, imidazonaphthyridine amines, imidazotetrahydronaphthyridine amines, oxazoloquinoline amines, thiazoloquinoline amines, oxazolopyridine amines, thiazolopyridine amines, oxazolonaphthyridine amines, thiazolonaphthyridine amines, 1*H*-imidazo dimers fused to pyridine amines, quinoline amines, tetrahydroquinoline amines, naphthyridine amines, or tetrahydronaphthyridine amines, and combinations thereof.

13.-14. (Cancelled)

15. (Currently amended) The aqueous formulation of claim ~~14~~ 12 wherein the immune response modifier is selected from the group consisting of amide substituted imidazoquinoline amines, sulfonamide substituted imidazoquinoline amines, urea substituted imidazoquinoline amines, thioether substituted imidazoquinoline amines, 7-aryl substituted imidazoquinoline amines, 7-heteroaryl substituted imidazoquinoline amines, sulfonamide substituted tetrahydroimidazoquinoline amines, and combinations thereof.

16. (Original) The aqueous formulation of claim 15 wherein the immune response modifier is a sulfonamide substituted imidazoquinoline amine.

17. (Original) The aqueous formulation of claim 15 wherein the immune response modifier is selected from the group consisting of:

N¹-{4-[4-amino-2-(2-methoxyethyl)-6,7,8,9-tetrahydro-1*H*-imidazo[4,5-*c*]quinolin-1-yl]butyl}-4-fluoro-1-benzenesulfonamide,

N-[3-(4-amino-2-butyl-1*H*-imidazo[4,5-*c*]quinolin-1-yl)propyl]morpholine-4-carboxamide,

N-[3-[4-amino-2-(2-methoxyethyl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-2,2-dimethylpropyl]-N'-phenylurea,

N-{2-[4-amino-2-(ethoxymethyl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-1,1-dimethylethyl}methanesulfonamide,

2-butyl-1-[2-(propylsulfonyl)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine,

N-{2-[4-amino-2-(ethoxymethyl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-1,1-dimethylethyl}-2-ethoxyacetamide,

N-{4-[4-amino-2-(cyclopropylmethyl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]butyl}methanesulfonamide,

N-{2-[4-amino-2-(ethoxymethyl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-1,1-dimethylethyl}-N'-cyclohexylurea,

N-{2-[4-amino-2-(ethoxymethyl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-1,1-dimethylethyl}cyclohexanecarboxamide,

N-{2-[4-amino-2-(ethoxymethyl)-6,7,8,9-tetrahydro-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-1,1-dimethylethyl}methanesulfonamide,

N-[3-(4-amino-2-butyl-1*H*-imidazo[4,5-*c*]quinolin-1-yl)-2,2-dimethylpropyl]methanesulfonamide,

N-[2-(4-amino-2-butyl-1*H*-imidazo[4,5-*c*]quinolin-1-yl)-1,1-dimethylethyl]methanesulfonamide,

N-{2-[4-amino-2-(2-methoxyethyl)-6,7,8,9-tetrahydro-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-1,1-dimethylethyl}methanesulfonamide,

1-[4-amino-7-(5-hydroxymethylpyridin-3-yl)-2-(2-methoxyethyl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-2-methylpropan-2-ol,

1-[4-amino-7-(3-hydroxymethylphenyl)-2-(2-methoxyethyl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-2-methylpropan-2-ol,
 N-{3-[4-amino-1-(2-hydroxy-2-methylpropyl)-2-(methoxyethyl)-1*H*-imidazo[4,5-*c*]quinolin-7-yl]phenyl}methanesulfonamide,
 {5-[4-amino-2-(2-methoxyethyl)-1-(2-methylpropyl)-1*H*-imidazo[4,5-*c*]quinolin-7-yl]pyridin-3-yl}methanol,
 1-[4-amino-2-(ethoxymethyl)-7-(pyridin-3-yl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-2-methylpropan-2-ol,
 1-{4-amino-2-(ethoxymethyl)-7-[5-(hydroxymethyl)pyridin-3-yl]-1*H*-imidazo[4,5-*c*]quinolin-1-yl}-2-methylpropan-2-ol,
 N-(2-{4-amino-2-ethoxymethyl-7-[6-(methanesulfonylamino)hexyloxy]-1*H*-imidazo[4,5-*c*]quinolin-1-yl}-1,1-dimethylethyl)methanesulfonamide,
 N-(6-{[4-amino-2-ethoxymethyl-1-(2-methanesulfonylamino-2-methylpropyl)-1*H*-imidazo[4,5-*c*]quinolin-7-yl]oxy}hexyl)acetamide,
N-[2-(4-amino-2-ethoxymethyl-1-propyl-1*H*-imidazo[4,5-*c*]quinolin-7-yloxy)ethyl]methanesulfonamide,
 1-[4-amino-2-(ethoxymethyl)-7-(1*H*-pyrazol-4-yl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-2-methylpropan-2-ol,
 3-[4-amino-2-(ethoxymethyl)-7-(pyridin-3-yl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]propane-1,2-diol,
 and combinations thereof

18. (Original) The aqueous formulation of claim 17 wherein the immune response modifier is selected from the group consisting of:

N-[3-(4-amino-2-butyl-1*H*-imidazo[4,5-*c*]quinolin-1-yl)propyl]morpholine-4-carboxamide,
 N-{3-[4-amino-2-(2-methoxyethyl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-2,2-dimethylpropyl}-N'-phenylurea,
 N-{2-[4-amino-2-(ethoxymethyl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-1,1-dimethylethyl}methanesulfonamide,
 2-butyl-1-[2-(propylsulfonyl)ethyl]-1*H*-imidazo[4,5-*c*]quinolin-4-amine,
 N-{2-[4-amino-2-(ethoxymethyl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-1,1-dimethylethyl}-2-ethoxyacetamide,

N-{2-[4-amino-2-(ethoxymethyl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-1,1-dimethylethyl}-N'-cyclohexylurea,
N-{2-[4-amino-2-(ethoxymethyl)-6,7,8,9-tetrahydro-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-1,1-dimethylethyl}methanesulfonamide,
N-[2-(4-amino-2-butyl-1*H*-imidazo[4,5-*c*]quinolin-1-yl)-1,1-dimethylethyl]methanesulfonamide,
N-{2-[4-amino-2-(2-methoxyethyl)-6,7,8,9-tetrahydro-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-1,1-dimethylethyl}methanesulfonamide,
1-{4-amino-2-(ethoxymethyl)-7-[5-(hydroxymethyl)pyridin-3-yl]-1*H*-imidazo[4,5-*c*]quinolin-1-yl}-2-methylpropan-2-ol,
N-(6-{[4-amino-2-ethoxymethyl-1-(2-methanesulfonylamino-2-methylpropyl)-1*H*-imidazo[4,5-*c*]quinolin-7-yl]oxy}hexyl)acetamide,
and combinations thereof.

19. (Original) The aqueous formulation of claim 18 wherein the immune response modifier is N-{2-[4-amino-2-(ethoxymethyl)-1*H*-imidazo[4,5-*c*]quinolin-1-yl]-1,1-dimethylethyl}methanesulfonamide.

20. (Original) The aqueous formulation of claim 11 wherein the immune response modifier is a salt of an acid selected from the group consisting of a carboxylic acid, a halo acid, sulfuric acid, phosphoric acid, dicarboxylic acid, tricarboxylic acid, and combinations thereof.

21. (Original) The aqueous formulation of claim 20 wherein the salt of the immune response modifier is a salt of an acid selected from the group consisting of hydrobromic acid, hydrochloric acid, lactic acid, glutamic acid, gluconic acid, tartaric acid, succinic acid, and combinations thereof.

22.- 34. (Cancelled)

35. (Original) An aqueous sprayable formulation comprising:

an immune response modifier selected from the group consisting of imidazoquinoline amines, tetrahydroimidazoquinoline amines, imidazopyridine amines, 6,7-fused

cycloalkylimidazopyridine amines, 1,2-bridged imidazoquinoline amines, imidazonaphthyridine amines, imidazotetrahydronaphthyridine amines, oxazoloquinoline amines, thiazoloquinoline amines, oxazolopyridine amines, thiazolopyridine amines, oxazonaphthyridine amines, thiazolonaphthyridine amines, 1*H*-imidazo dimers fused to pyridine amines, quinoline amines, tetrahydroquinoline amines, naphthyridine amines, or tetrahydronaphthyridine amines, and combinations thereof;

water; and

a hydrophilic viscosity enhancing agent selected from the group consisting of cellulose ethers, polysaccharide gums, acrylic acid polymers, and combinations thereof;

with the proviso that the hydrophilic viscosity enhancing agent is not covalently bonded to the immune response modifier;

wherein the formulation is a solution at room temperature and has a viscosity of less than 100 cps at room temperature.

36. (Original) A method for delivering an immune response modifier to a nasal passage of a subject, the method comprising:

selecting a formulation comprising:

an immune response modifier;

water; and

a hydrophilic viscosity enhancing agent;

with the proviso that the hydrophilic viscosity enhancing agent is not covalently bonded to the immune response modifier;

wherein the formulation is a solution at room temperature and has a viscosity of less than 100 cps at room temperature; and

applying the selected formulation into a nasal passage or a subject.

37. (Currently amended) A method of treating and/or preventing allergic rhinitis, the method comprising applying the formulation of ~~any one of claims 1 through 34~~ claim 1 into a nasal passage or a subject.

38. (Cancelled)

39. (Currently amended) A method of treating and/or preventing a viral infection, the method comprising applying the formulation of ~~any one of claims 1 through 34~~ claim 1 into a nasal passage or a subject.

40. (Cancelled).

41. (Currently amended) A method of treating and/or preventing sinusitis, the method comprising applying the formulation of ~~any one of claims 1 through 34~~ claim 1 into a nasal passage of a subject.

42. (Cancelled).

43. (Currently amended) A method of treating and/or preventing asthma, the method comprising applying the formulation of ~~any one of claims 1 through 34~~ claim 1 into the respiratory tract of a subject.

44. (Cancelled).

45. (Currently amended) A method of desensitizing a subject to an antigen comprising:
administering to the subject an IRM compound in the formulation of ~~any one of claims 1 through 34~~ claim 1, after the subject has been sensitized to the antigen, in an amount effective to desensitize the subject to the antigen.

46.-48. (Cancelled)